



# **TSMO FREEWAY INCIDENT ARTERIAL MANAGEMENT WORKSHOP UPDATE**

**NOACA Safety & Operations Council**

**May 17, 2019**

# ACTION REQUESTED

**No action requested. This item is for information and presentation only.**

## PREVIOUS ACTION

**None.**

# BACKGROUND

## Traffic Systems Management and Operations (TSMO) Challenges

Transportation agencies in all 50 states are incorporating transportation systems management and operations (TSMO) strategies to improve traffic flow and enhance their response to disruptive events.



**POOR  
SIGNAL  
TIMING**



**SPECIAL  
EVENTS**



**TRAFFIC  
INCIDENTS**



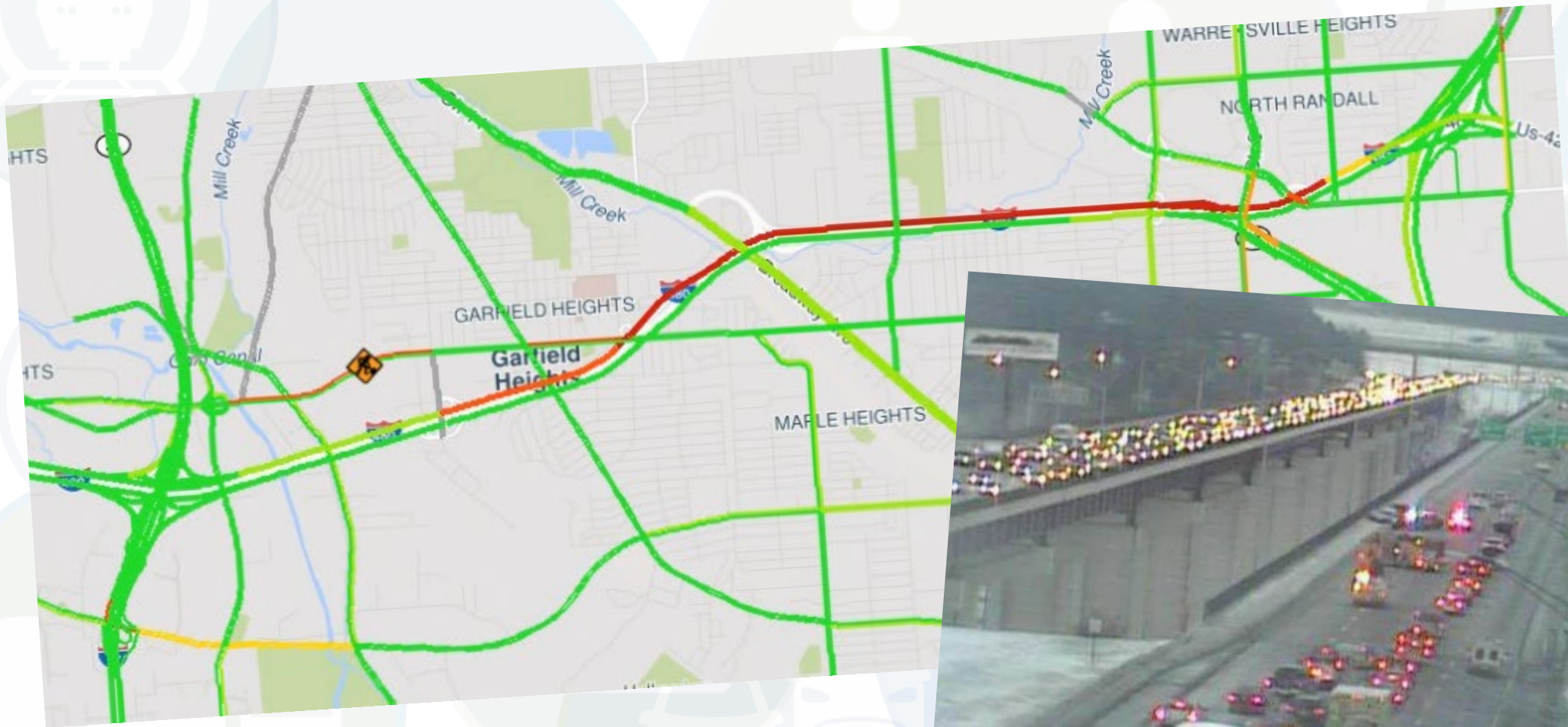
**INCLEMENT  
WEATHER**



**WORK  
ZONES**

**These account for more than half of all congestion.**

# BACKGROUND





# BACKGROUND

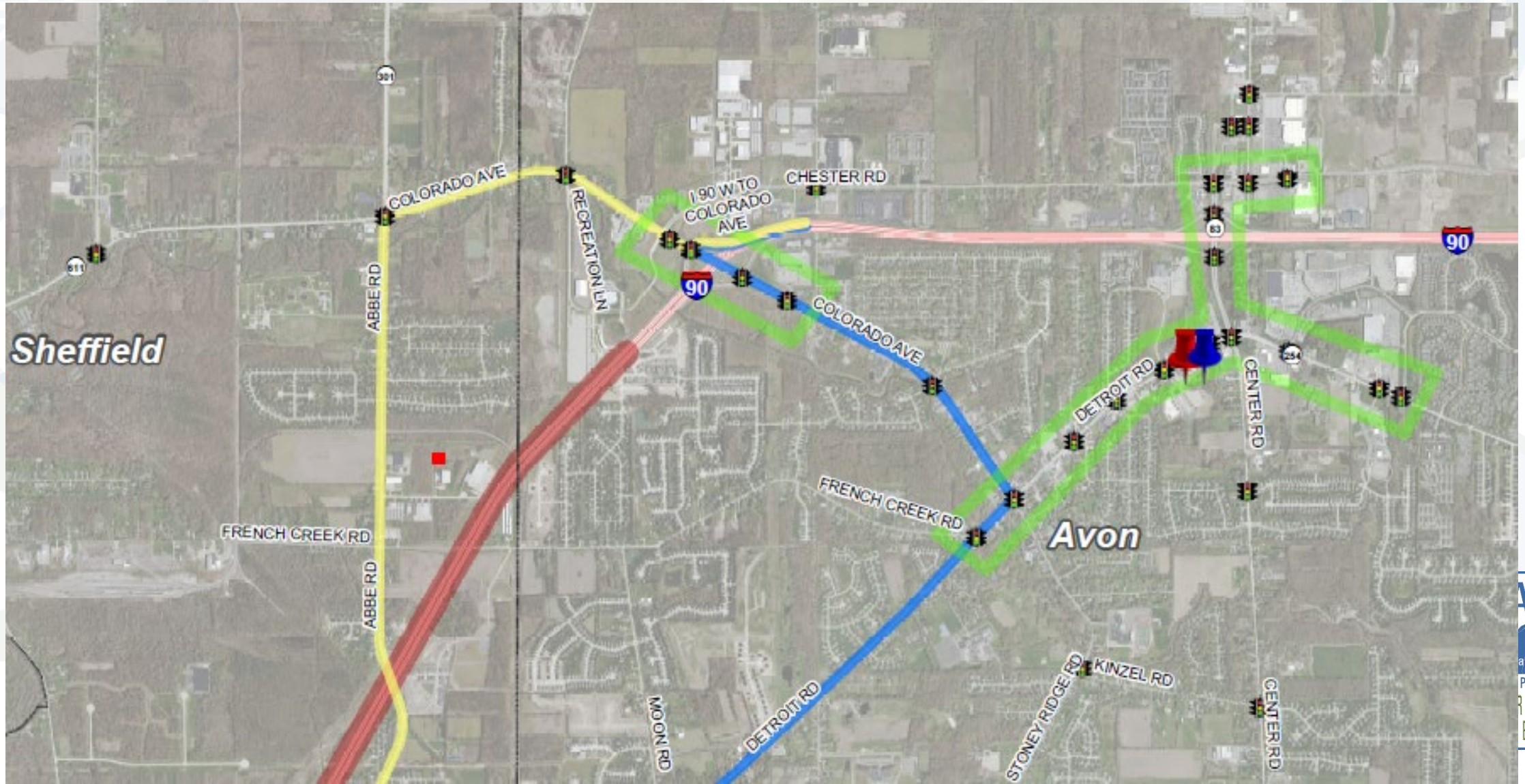
## Training Opportunity

- Part of SHRP2 program focusing on improving reliability of the transportation system
- FHWA and AASHTO have reached out to NOACA
- Offering a workshop to improve TSMO capabilities



# BACKGROUND

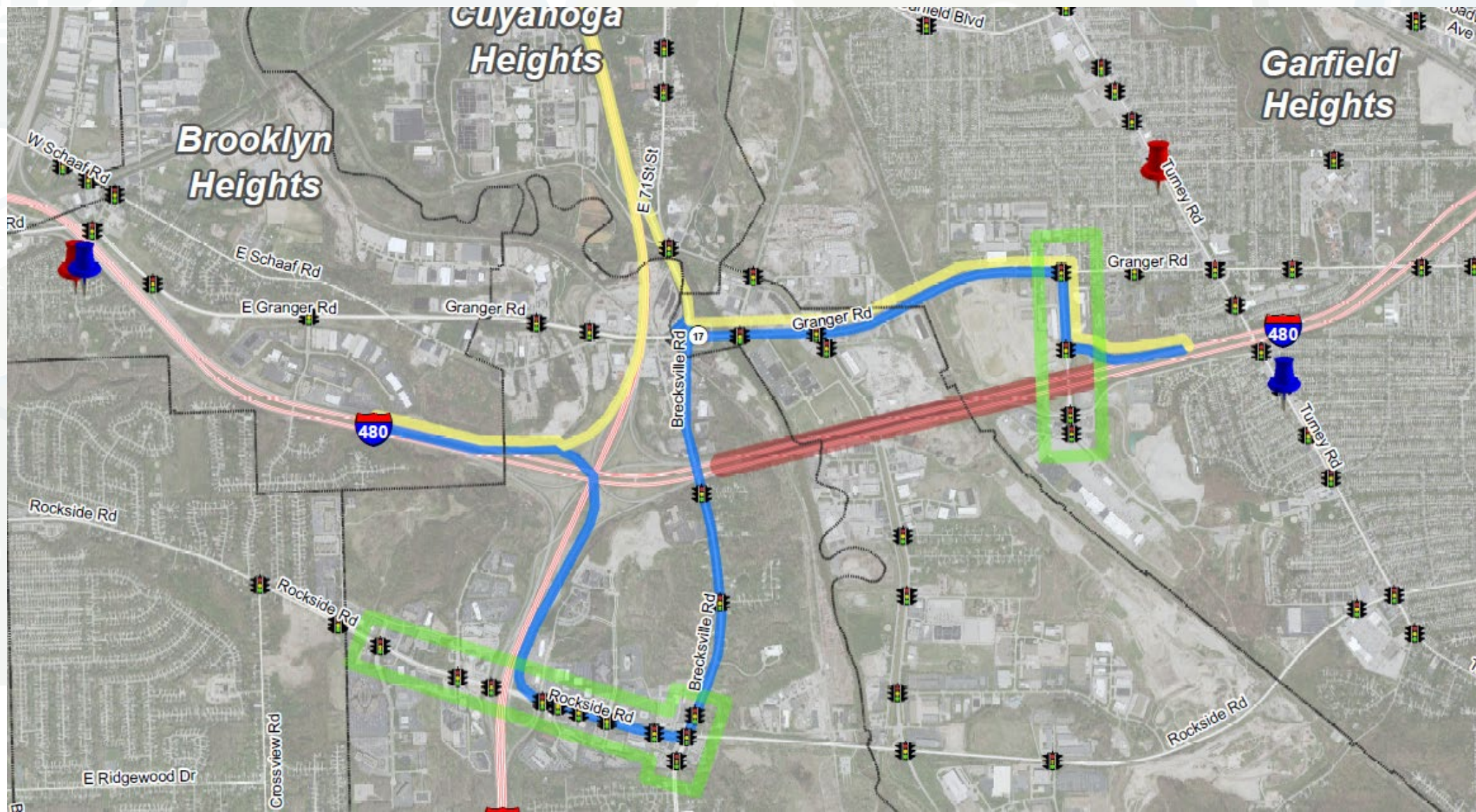
## Scenario #1: I-90 WB in Lorain County (PM)





# BACKGROUND

## Scenario #2: I-480 WB in Cuyahoga County (AM)





# BACKGROUND

## Workshop Invitees

- Local Fire Chiefs
- Local Law Enforcement
- Local Road and Signal Maintenance Management and Staff
- Consultants for Locals
- Ohio State Patrol
- ODOT Staff



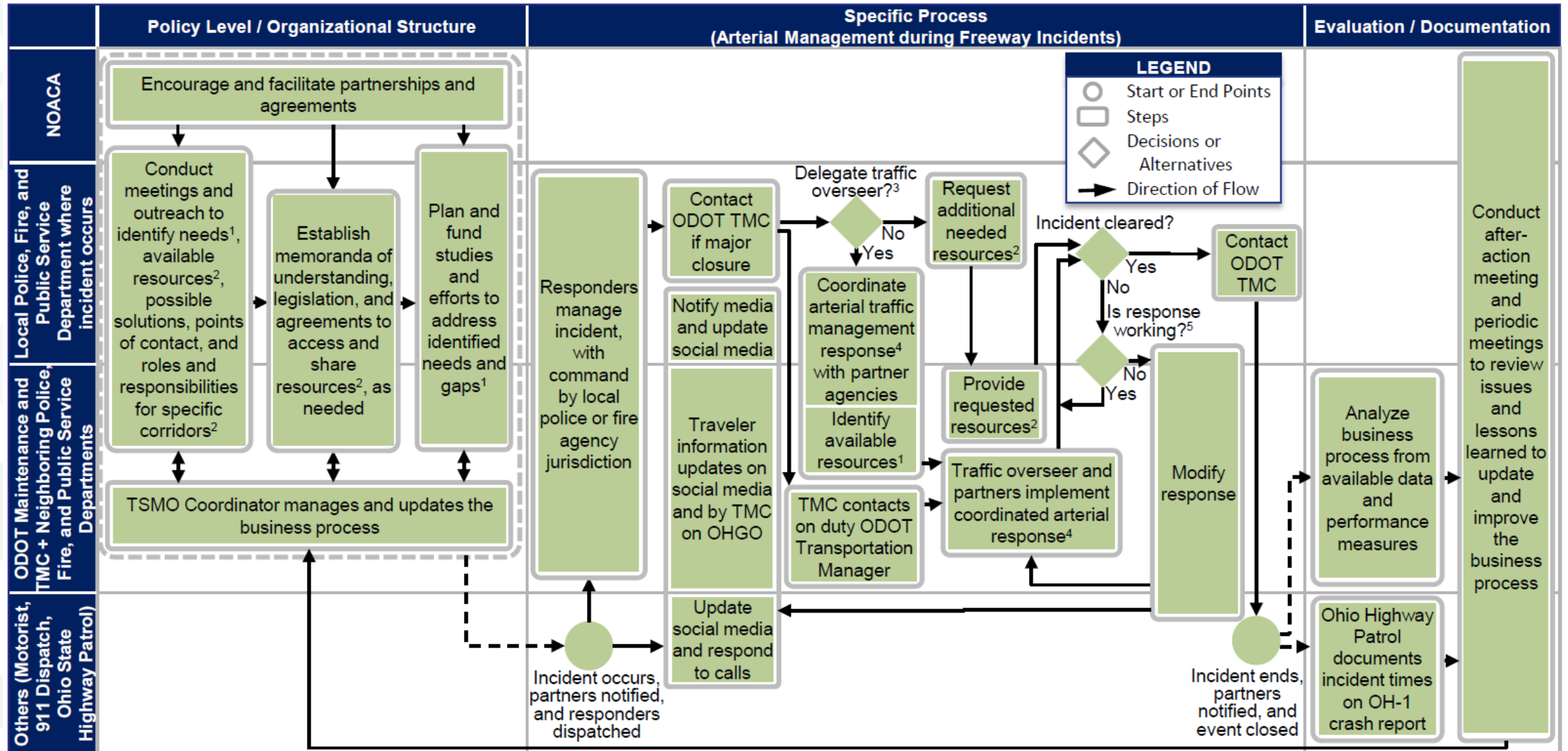


# BACKGROUND

## Workshop Participants



# RECOMMENDED PROCESS





# CONSIDERATIONS

- Identify and prioritize assets beforehand
- Develop incident response traffic control plans
- Use technology to deploy temporary signal timing plans remotely
- Improve use of social media, navigation apps to provide travelers with timely alerts/updates
- IC would make decision on traffic control changes

# DEVELOP/IMPLEMENT THE PROCESS

- Identify a champion to take lead (ODOT TSMO Coordinators)
- Conduct a follow-up meeting to move response plans further along
- Local public safety leaders reach out to mayors and council members for input and buy-in
- Integrate into statewide TSMO efforts
- Continue ODOT program of TIM training



# FINANCIAL IMPACT

**There is no financial impact. The TSMO workshop is being offered free of charge to NOACA and participants.**

# NEXT STEPS

- **NOACA staff will add the Business Process to our web page to serve as a reference for future TSMO planning throughout the region. Staff will also participate in further planning studies and Traffic Incident Management meetings held by ODOT to promote and support integration of TSMO into businesses practices of local agencies throughout the region.**





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

